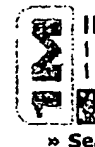


IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **27** of **1121826** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

(halfton* <or> maicrodot*) <paragraph> (watermark)

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Data hiding in halftone images with noise-balanced error diffusion***Soo-Chang Pei; Jing-Ming Guo;*

Signal Processing Letters, IEEE , Volume: 10 , Issue: 12 , Dec. 2003

Pages:349 - 351

[\[Abstract\]](#) [\[PDF Full-Text \(968 KB\)\]](#) IEEE JNL
2 Hybrid pixel-based data hiding and block-based watermarking for e diffused halftone images*Soo-Chang Pei; Jing-Ming Guo;*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume:

13 , Issue: 8 , Aug. 2003

Pages:867 - 884

[\[Abstract\]](#) [\[PDF Full-Text \(4602 KB\)\]](#) IEEE JNL
3 Image processing for halftones*Ping Wah Wong; Memon, N.D.;*

Signal Processing Magazine, IEEE , Volume: 20 , Issue: 4 , July 2003

Pages:59 - 70

[\[Abstract\]](#) [\[PDF Full-Text \(8824 KB\)\]](#) IEEE JNL
4 Joint halftoning and watermarking*Kacker, D.; Allebach, J.P.;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Sig

Processing, IEEE Transactions on], Volume: 51 , Issue: 4 , April 2003
Pages:1054 - 1068

[\[Abstract\]](#) [\[PDF Full-Text \(9489 KB\)\]](#) IEEE JNL

5 Data hiding watermarking for halftone images

Ming Sun Fu; Au, O.C.;

Image Processing, IEEE Transactions on , Volume: 11 , Issue: 4 , April 2002
Pages:477 - 484

[\[Abstract\]](#) [\[PDF Full-Text \(642 KB\)\]](#) IEEE JNL

6 Multiresolution watermarking for images and video

Wenwu Zhu; Zixiang Xiong; Ya-Qin Zhang;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume:
9 , Issue: 4 , June 1999
Pages:545 - 550

[\[Abstract\]](#) [\[PDF Full-Text \(564 KB\)\]](#) IEEE JNL

7 Self-conjugate watermarking technique for halftone images

Ming Sun Fu; Au, O.C.;

Electronics Letters , Volume: 39 , Issue: 4 , 20 Feb 2003
Pages:356 - 358

[\[Abstract\]](#) [\[PDF Full-Text \(463 KB\)\]](#) IEEE JNL

**8 A novel method to embed watermark in different halftone images: c
hiding by conjugate error diffusion (DHCED)**

Ming Sun Fu; Au, O.C.;

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2
IEEE International Conference on , Volume: 3 , 6-10 April 2003
Pages:III - 529-32 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) IEEE CNF

9 A symmetric key watermark for halftone images

Au, O.C.; Ming Sun Fu;

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2
IEEE International Conference on , Volume: 3 , 6-10 April 2003
Pages:III - 557-60 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(457 KB\)\]](#) IEEE CNF

**10 A watermark sharing scheme to halftone images with genetic
algorithms**

Myodo, E.; Tanaka, K.;

Signal Processing and Information Technology, 2003. ISSPIT 2003. Proceedin
the 3rd IEEE International Symposium on , 14-17 Dec. 2003
Pages:194 - 198

[\[Abstract\]](#) [\[PDF Full-Text \(523 KB\)\]](#) IEEE CNF

11 Image watermarking based on wavelet transform using threshold selection

*Hoon Jung; Seok Gaeng Cho; Sung Shik Koh; Yong Duk Chung; Koo Young Lee
Soo-Yun Lee; Chung Hwa Kim;*
SICE 2003 Annual Conference , Volume: 3 , 4-6 Aug. 2003
Pages:3009 - 3012 Vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) IEEE CNF

12 Correlation-based watermarking for halftone images

Ming Sun Fu; Au, O.C.;
Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Symposium on , Volume: 2 , 23-26 May 2004
Pages:II - 21-4 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(588 KB\)\]](#) IEEE CNF

13 Improved techniques for watermarking halftone images

Sherry, P.; Savakis, A.;
Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). II International Conference on , Volume: 5 , 17-21 May 2004
Pages:V - 1005-8 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(286 KB\)\]](#) IEEE CNF

14 Watermarking technique for color halftone images

Ming Sun Fu; Au, O.C.;
Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). II International Conference on , Volume: 3 , 17-21 May 2004
Pages:III - 381-4 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(499 KB\)\]](#) IEEE CNF

15 A novel method to embed watermark in different halftone images: hiding by conjugate error diffusion (DHCED)

Ming Sun Fu; AU, O.C.;
Multimedia and Expo, 2003. ICME '03. Proceedings. 2003 International Conference on , Volume: 1 , 6-9 July 2003
Pages:I - 609-12 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(614 KB\)\]](#) IEEE CNF

[1](#) [2](#) [Next](#)


IEEE Xplore[®]
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

 Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **27** of **1121826** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering new one in the text box.

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

16 A multi-bit robust watermark for halftone images
Ming Sun Fu; Au, O.C.;

Multimedia and Expo, 2003. ICME '03. Proceedings. 2003 International Conference on , Volume: 1 , 6-9 July 2003

Pages:I - 213-16 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(401 KB\)\]](#) IEEE CNF

17 A set of mutually watermarked halftone images
Ming Sun Fu; Au, O.C.;

Image Processing, 2003. Proceedings. 2003 International Conference on , Vol 2 , 14-17 Sept. 2003

Pages:II - 467-70 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(474 KB\)\]](#) IEEE CNF

18 Joint halftoning and watermarking
Kacker, D.; Allebach, J.P.;

Image Processing, 2000. Proceedings. 2000 International Conference on , Vol 2 , 10-13 Sept. 2000

Pages:69 - 72 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) IEEE CNF

19 Proceedings 2000 International Conference on Image Processing (No.00CH37101)

Image Processing, 2000. Proceedings. 2000 International Conference on , Vol 3 , 10-13 Sept. 2000

[\[Abstract\]](#) [\[PDF Full-Text \(2944 KB\)\]](#) IEEE CNF

20 A multiresolution watermark for digital images

Xiang-Gen Xia; Boncelet, C.G.; Arce, G.R.;

Image Processing, 1997. Proceedings., International Conference on , Volume: 1 , 26-29 Oct. 1997

Pages:548 - 551 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(736 KB\)\]](#) IEEE CNF

21 Secure authentication watermarking for binary images

Kim, H.Y.; Afif, A.;

Computer Graphics and Image Processing, 2003. SIBGRAPI 2003. XVI Brazilia Symposium on , 12-15 Oct. 2003

Pages:199 - 206

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) IEEE CNF

22 Data hiding in halftone images by conjugate error diffusion

Ming Sun Fu; Au, O.C.;

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on , Volume: 2 , 25-28 May 2003

Pages:II-920 - II-923 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(583 KB\)\]](#) IEEE CNF

23 A novel self conjugate halftone image watermarking technique

Ming Sun Fu; Au, O.C.;

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on , Volume: 3 , 25-28 May 2003

Pages:III-790 - III-793 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(543 KB\)\]](#) IEEE CNF

24 A robust public watermark for halftone images

Ming Sun Fu; Au, O.C.;

Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on , Volume: 3 , 26-29 May 2002

Pages:639 - 642

[\[Abstract\]](#) [\[PDF Full-Text \(744 KB\)\]](#) IEEE CNF

25 Data hiding in halftone images by stochastic error diffusion

Ming Sun Fu; Au, O.C.;

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2 IEEE International Conference on , Volume: 3 , 7-11 May 2001

Pages:1965 - 1968 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) IEEE CNF

26 Wavelet-based digital watermarking with halftoning technique

Leung, K.H.; Bing Zeng;

Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium, Volume: 5, 6-9 May 2001

Pages:235 - 238 vol. 5

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) IEEE CNF

27 Multiresolution watermarking for images and video: a unified approach

Wenwu Zhu; Zixiang Xiong; Ya-Qin Zhang;

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on, Volume: 1, 4-7 Oct. 1998

Pages:465 - 468 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) IEEE CNF

[Prev](#) [1](#) [2](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11560	((half near1 ton\$4) or (microdot\$4))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 11:02
L2	44	1 same (watermark\$4 steganogra\$7)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 11:33
L3	1	2 and ((toggl\$4 switch\$4 alternat\$4) same (boundar\$4 edge))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 11:04
L4	1	("6763121").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/01/28 11:33
L5	1	4 and cluster	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 11:35
L6	1	4 and embedd\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 11:39
L7	1	4 and encod\$4	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 11:49
L8	0	4 and lumin\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 11:50
L9	1	4 and black	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/01/28 12:12
L10	1	("6823075").PN.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2005/01/28 12:12